FIG. 1

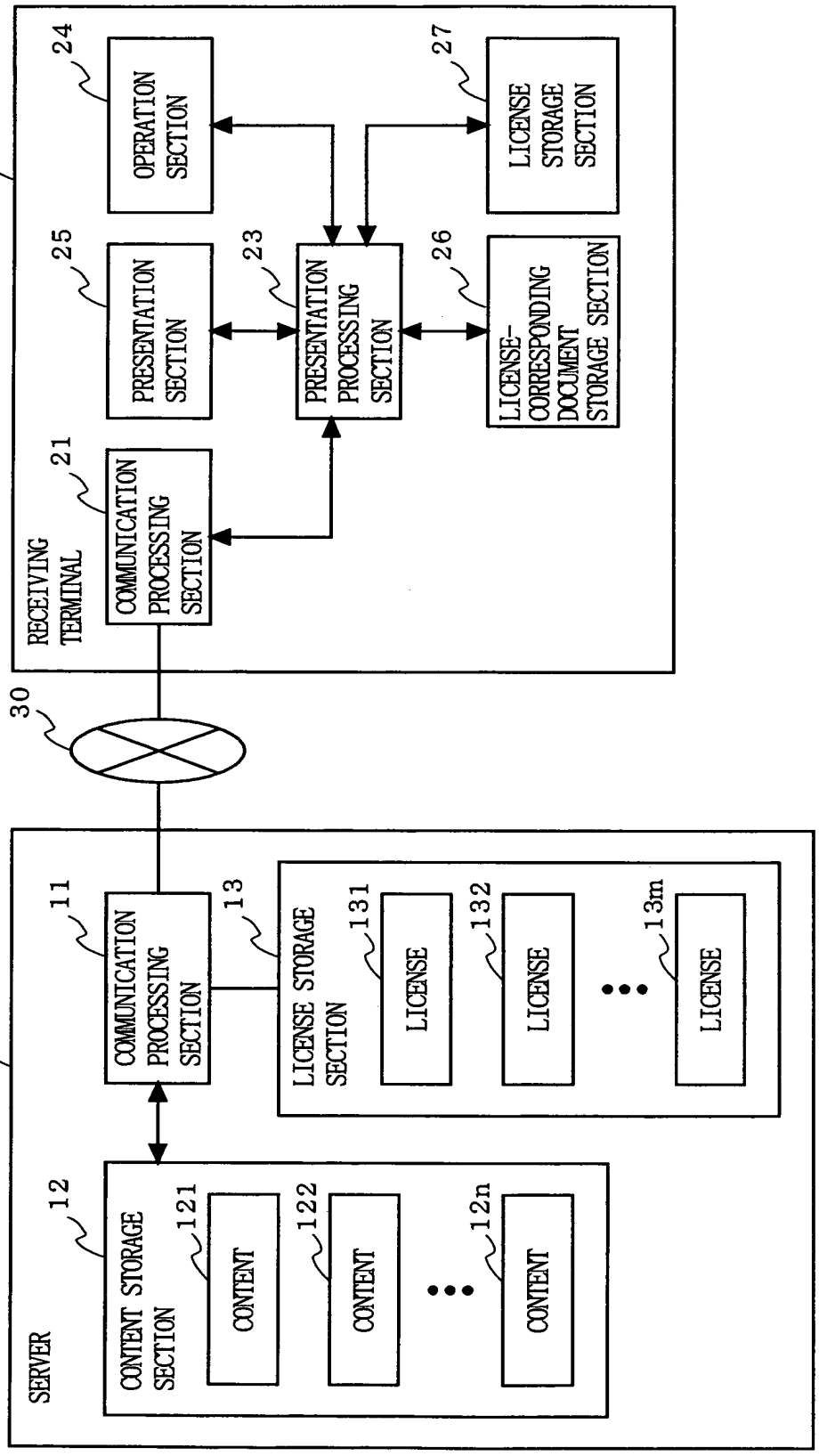

SERVER
10
CONTENT STORAGE SECTION
12
CONTENT
121
CONTENT
122
CONTENT
12n
COMMUNICATION PROCESSING SECTION
11
LICENSE STORAGE SECTION
13
LICENSE
131
LICENSE
132
LICENSE
13m
30
RECEIVING TERMINAL
20
COMMUNICATION PROCESSING SECTION
21
PRESENTATION SECTION
25
PRESENTATION PROCESSING SECTION
23
LICENSE-CORRESPONDING DOCUMENT STORAGE SECTION
26
OPERATION SECTION
24
LICENSE STORAGE SECTION
27

FIG. 2

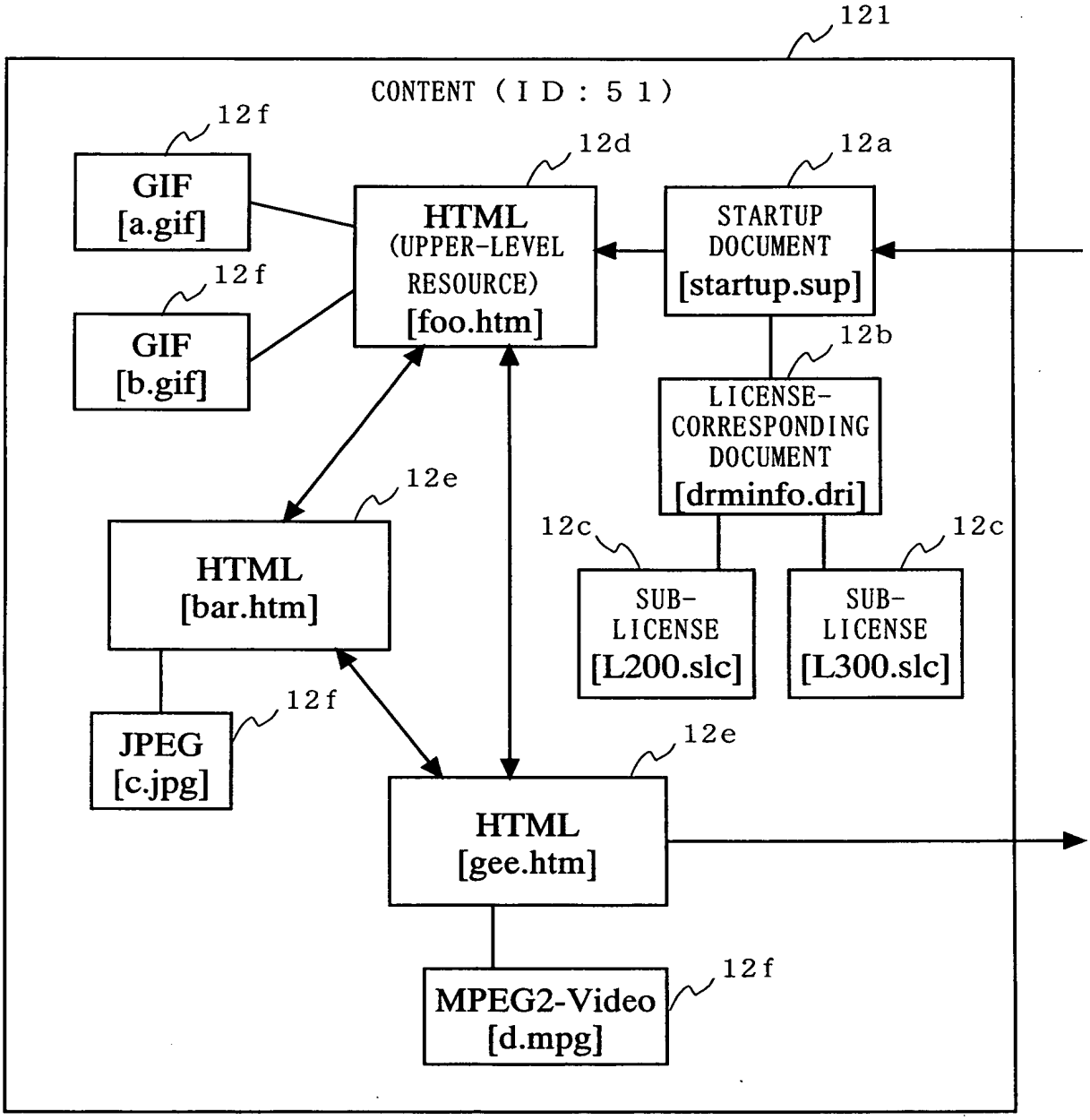

121
CONTENT (ID: 51)
12f
GIF
[a.gif]
12f
GIF
[b.gif]
12d
HTML
(UPPER-LEVEL
RESOURCE)
[foo.htm]
12a
STARTUP
DOCUMENT
[startup.sup]
12b
LICENSE-
CORRESPONDING
DOCUMENT
[drminfo.dri]
12e
HTML
[bar.htm]
12c
SUB-
LICENSE
[L200.slc]
12c
SUB-
LICENSE
[L300.slc]
12f
JPEG
[c.jpg]
12e
HTML
[gee.htm]
12f
MPEG2-Video
[d.mpg]

FIG. 3

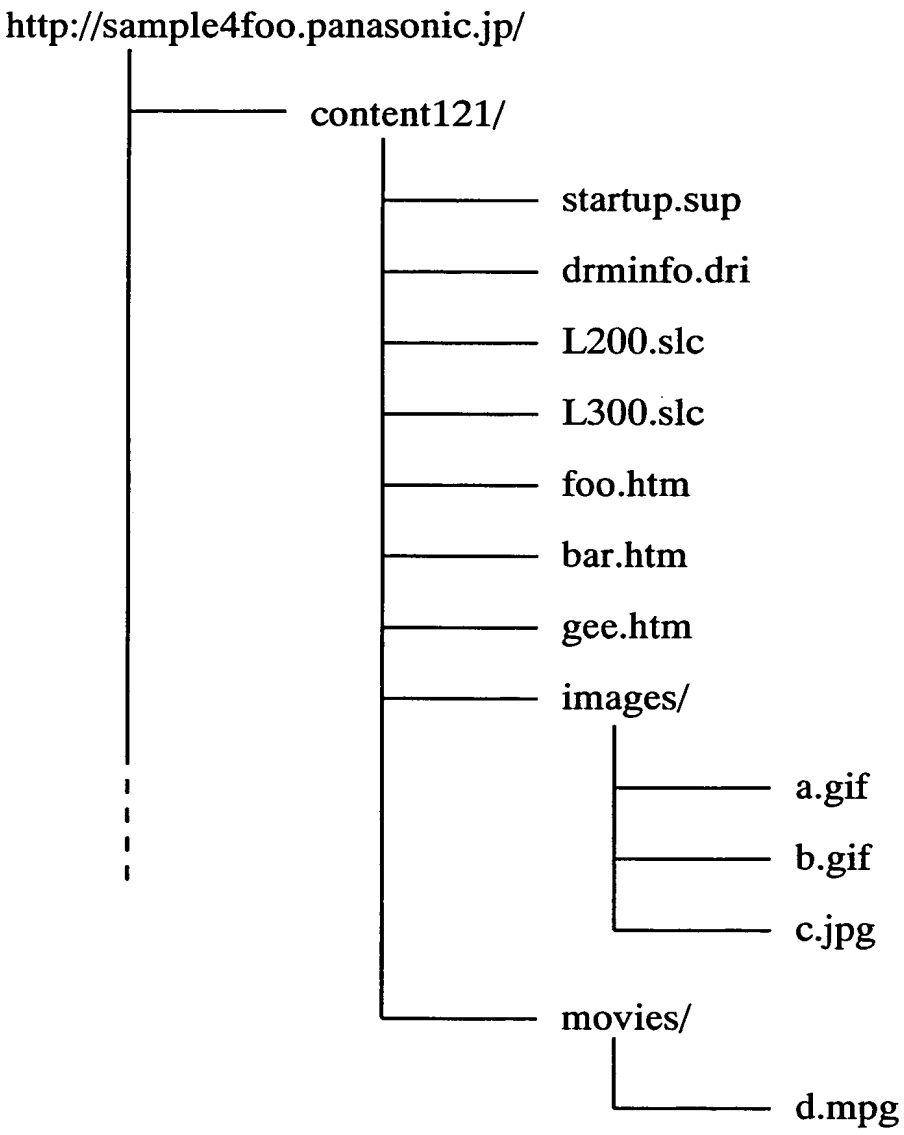

http://sample4foo.panasonic.jp/
content121/
startup.sup
drminfo.dri
L200.slc
L300.slc
foo.htm
bar.htm
gee.htm
images/
a.gif
b.gif
c.jpg
movies/
d.mpg

FIG. 4

STARTUP DOCUMENT 12a

```
<startup>
 <drminfo>drminfo.dri</drminfo>
 <start>foo.htm</start>
</startup>
```

FIG. 5

LICENSE-CORRESPONDING DOCUMENT 12b

```
<drminfo>
 <content_id>51</content_id>
 <licenses>
  <license>
   <license_id>100</license_id>
  </license>
  <license>
   <license_id>200</license_id>
   <sublicense>L200.slc</sublicense>
  </license>
  <license>
   <license_id>300</license_id>
   <sublicense>L300.slc</sublicense>
  </license>
 </licenses>
 <files>
  <file><name>foo.htm</name><key_id>452133</key_id></file>
  <file><name>bar.htm</name><key_id>452134</key_id></file>
  <file><name>gee.htm</name><key_id>452135</key_id></file>
  <file><name>images/a.gif</name><key_id>452142</key_id></file>
  <file><name>images/b.gif</name><key_id>452143</key_id></file>
  <file><name>images/c.jpg</name><key_id>452144</key_id></file>
  <file><name>movies/d.mpg</name><key_id>452163</key_id></file>
 </files>
</drminfo>
```

FIG. 6

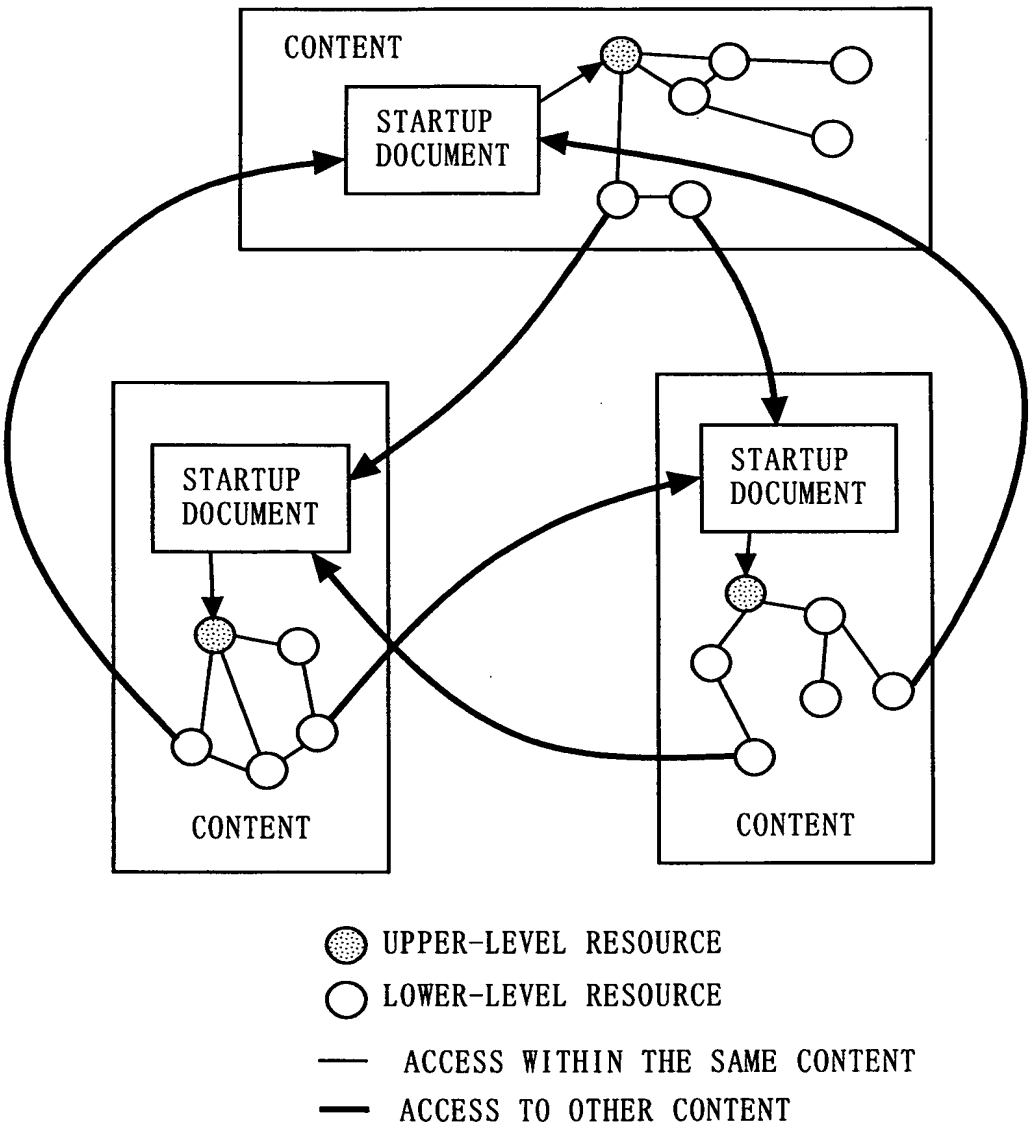

CONTENT
STARTUP DOCUMENT
STARTUP DOCUMENT
CONTENT
STARTUP DOCUMENT
CONTENT
UPPER-LEVEL RESOURCE
LOWER-LEVEL RESOURCE
ACCESS WITHIN THE SAME CONTENT
ACCESS TO OTHER CONTENT

FIG. 7

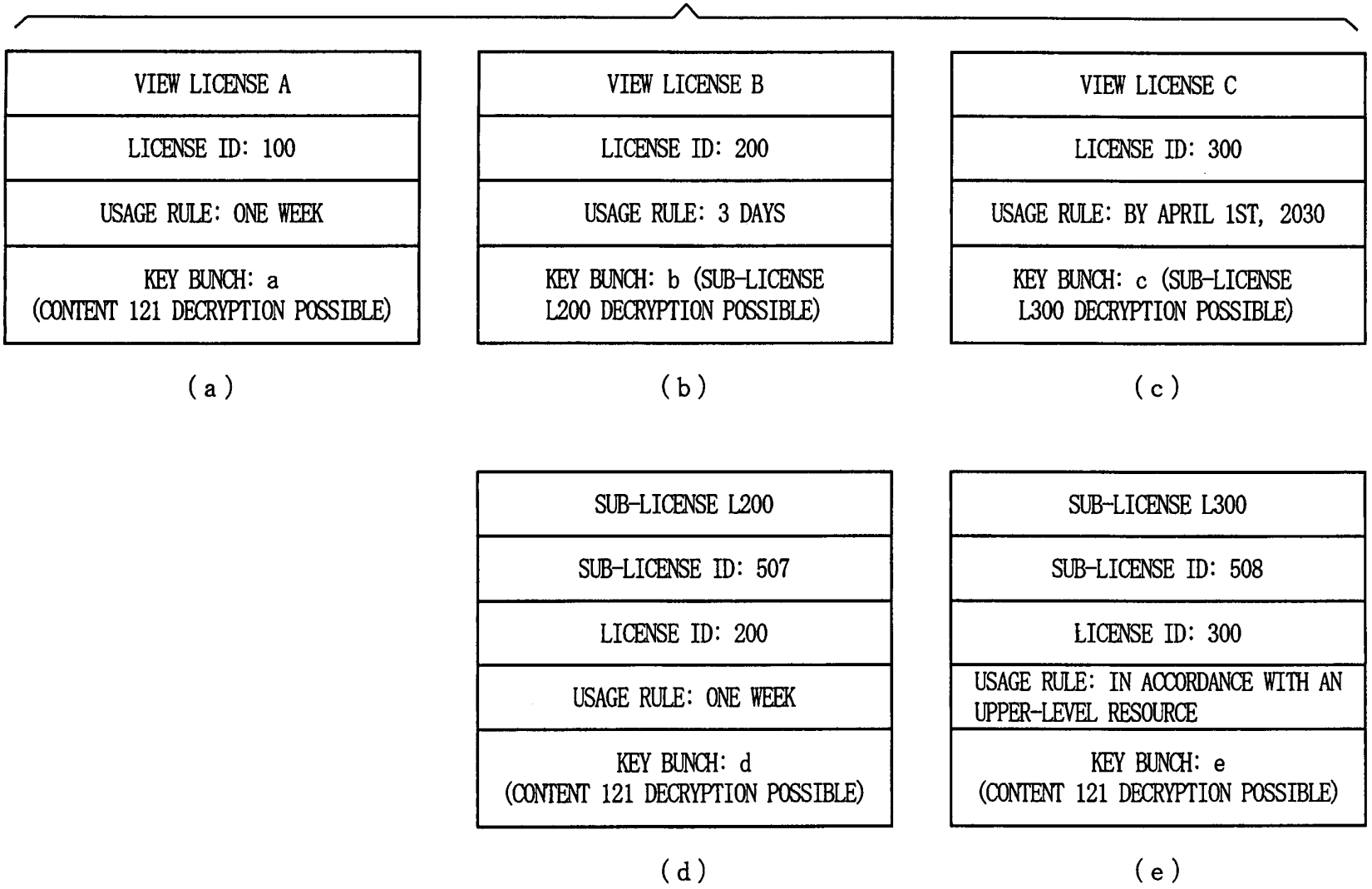

VIEW LICENSE A
LICENSE ID: 100
USAGE RULE: ONE WEEK
KEY BUNCH: a
(CONTENT 121 DECRYPTION POSSIBLE)
(a)
VIEW LICENSE B
LICENSE ID: 200
USAGE RULE: 3 DAYS
KEY BUNCH: b (SUB-LICENSE
L200 DECRYPTION POSSIBLE)
(b)
VIEW LICENSE C
LICENSE ID: 300
USAGE RULE: BY APRIL 1ST, 2030
KEY BUNCH: c (SUB-LICENSE
L300 DECRYPTION POSSIBLE)
(c)
SUB-LICENSE L200
SUB-LICENSE ID: 507
LICENSE ID: 200
USAGE RULE: ONE WEEK
KEY BUNCH: d
(CONTENT 121 DECRYPTION POSSIBLE)
(d)
SUB-LICENSE L300
SUB-LICENSE ID: 508
LICENSE ID: 300
USAGE RULE: IN ACCORDANCE WITH AN
UPPER-LEVEL RESOURCE
KEY BUNCH: e
(CONTENT 121 DECRYPTION POSSIBLE)
(e)

FIG. 8

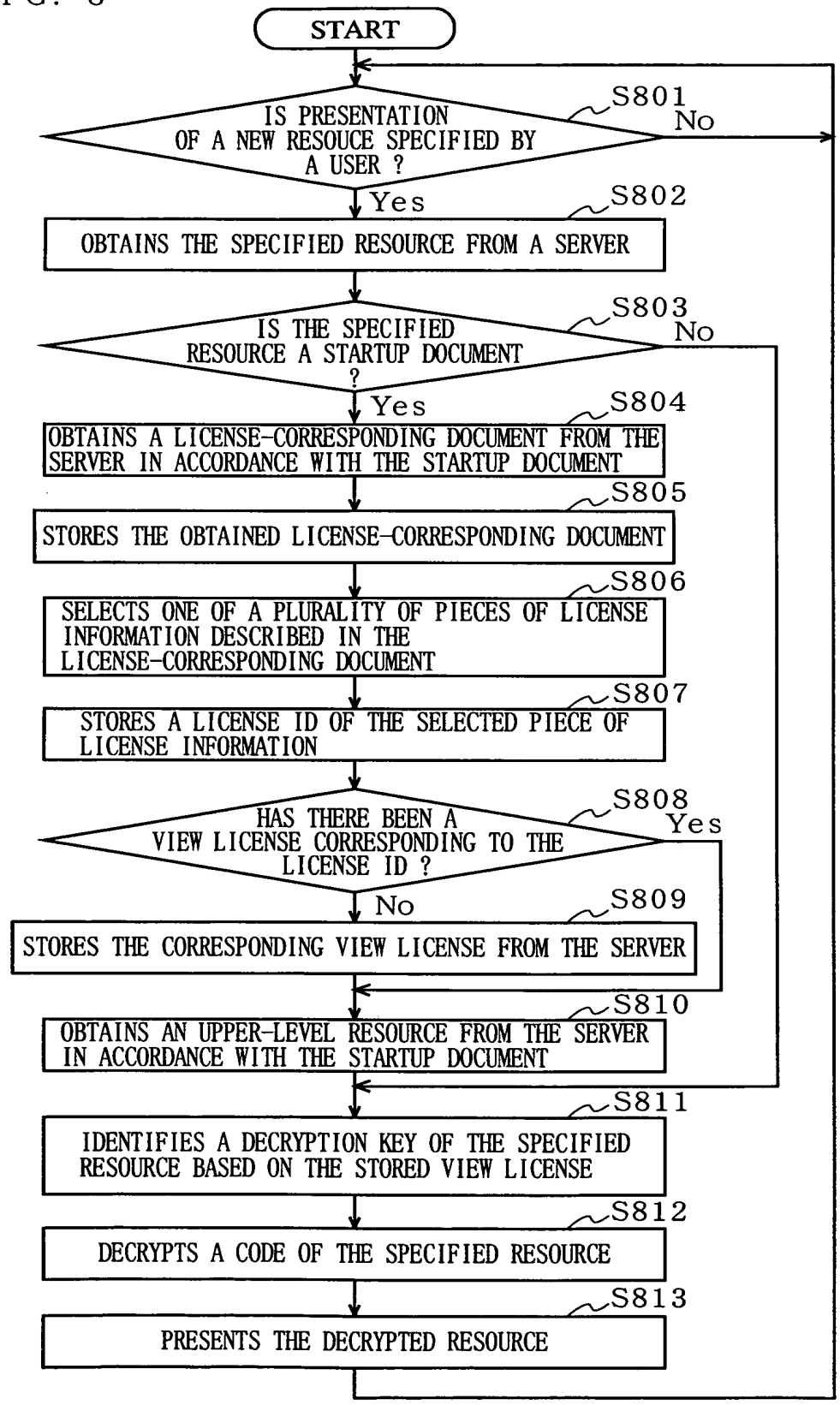

START
IS PRESENTATION OF A NEW RESOUCE SPECIFIED BY A USER ?
S801
No
Yes
OBTAINS THE SPECIFIED RESOURCE FROM A SERVER
S802
IS THE SPECIFIED RESOURCE A STARTUP DOCUMENT ?
S803
No
Yes
OBTAINS A LICENSE-CORRESPONDING DOCUMENT FROM THE SERVER IN ACCORDANCE WITH THE STARTUP DOCUMENT
S804
STORES THE OBTAINED LICENSE-CORRESPONDING DOCUMENT
S805
SELECTS ONE OF A PLURALITY OF PIECES OF LICENSE INFORMATION DESCRIBED IN THE LICENSE-CORRESPONDING DOCUMENT
S806
STORES A LICENSE ID OF THE SELECTED PIECE OF LICENSE INFORMATION
S807
HAS THERE BEEN A VIEW LICENSE CORRESPONDING TO THE LICENSE ID ?
S808
Yes
No
STORES THE CORRESPONDING VIEW LICENSE FROM THE SERVER
S809
OBTAINS AN UPPER-LEVEL RESOURCE FROM THE SERVER IN ACCORDANCE WITH THE STARTUP DOCUMENT
S810
IDENTIFIES A DECRYPTION KEY OF THE SPECIFIED RESOURCE BASED ON THE STORED VIEW LICENSE
S811
DECRYPTS A CODE OF THE SPECIFIED RESOURCE
S812
PRESENTS THE DECRYPTED RESOURCE
S813

FIG. 9

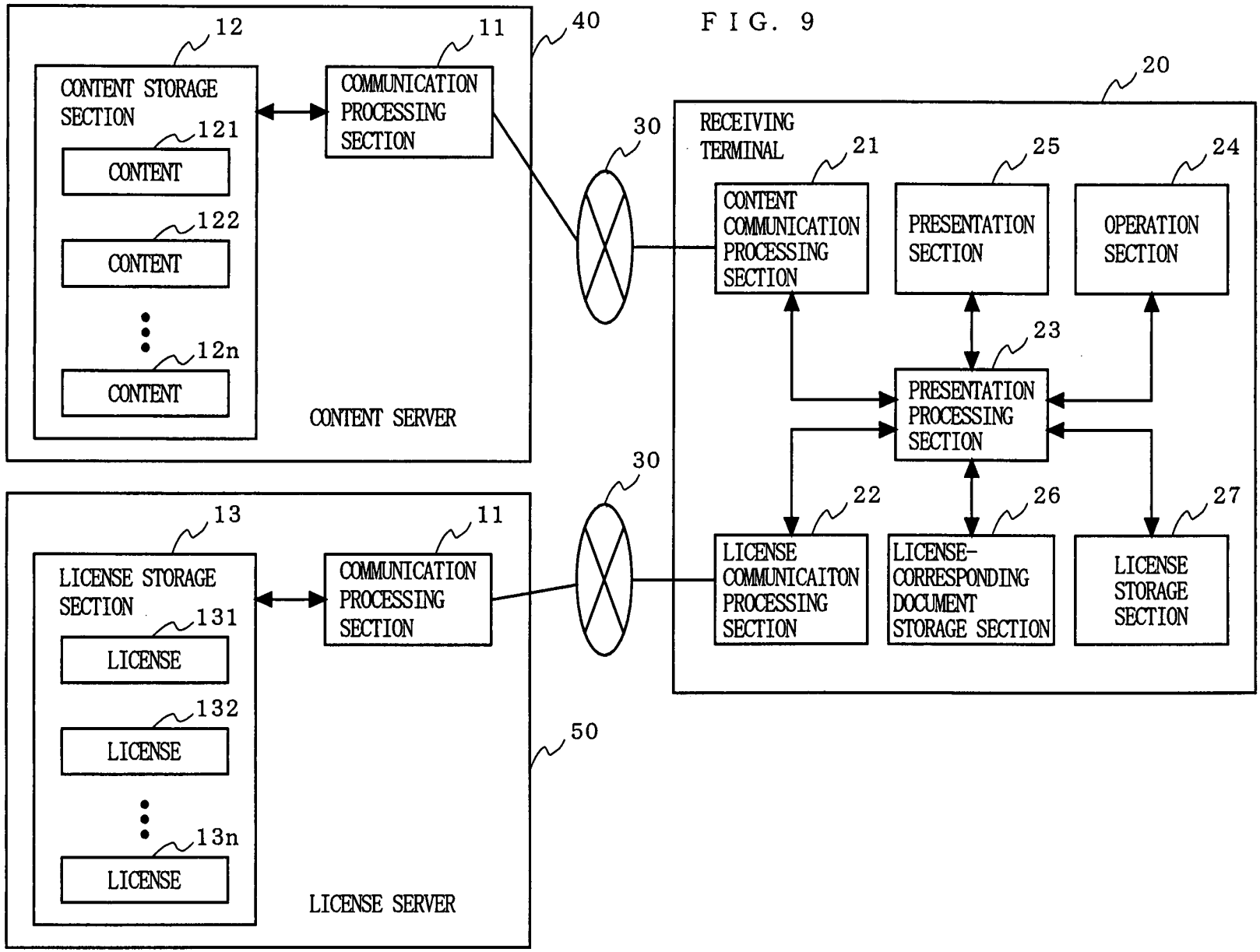

12
CONTENT STORAGE SECTION
121
CONTENT
122
CONTENT
12n
CONTENT
CONTENT SERVER
11
COMMUNICATION PROCESSING SECTION
40
30
20
RECEIVING TERMINAL
21
CONTENT COMMUNICATION PROCESSING SECTION
25
PRESENTATION SECTION
24
OPERATION SECTION
23
PRESENTATION PROCESSING SECTION
30
13
LICENSE STORAGE SECTION
131
LICENSE
132
LICENSE
13n
LICENSE
LICENSE SERVER
11
COMMUNICATION PROCESSING SECTION
50
22
LICENSE COMMUNICAITON PROCESSING SECTION
26
LICENSE-CORRESPONDING DOCUMENT STORAGE SECTION
27
LICENSE STORAGE SECTION

FIG. 10

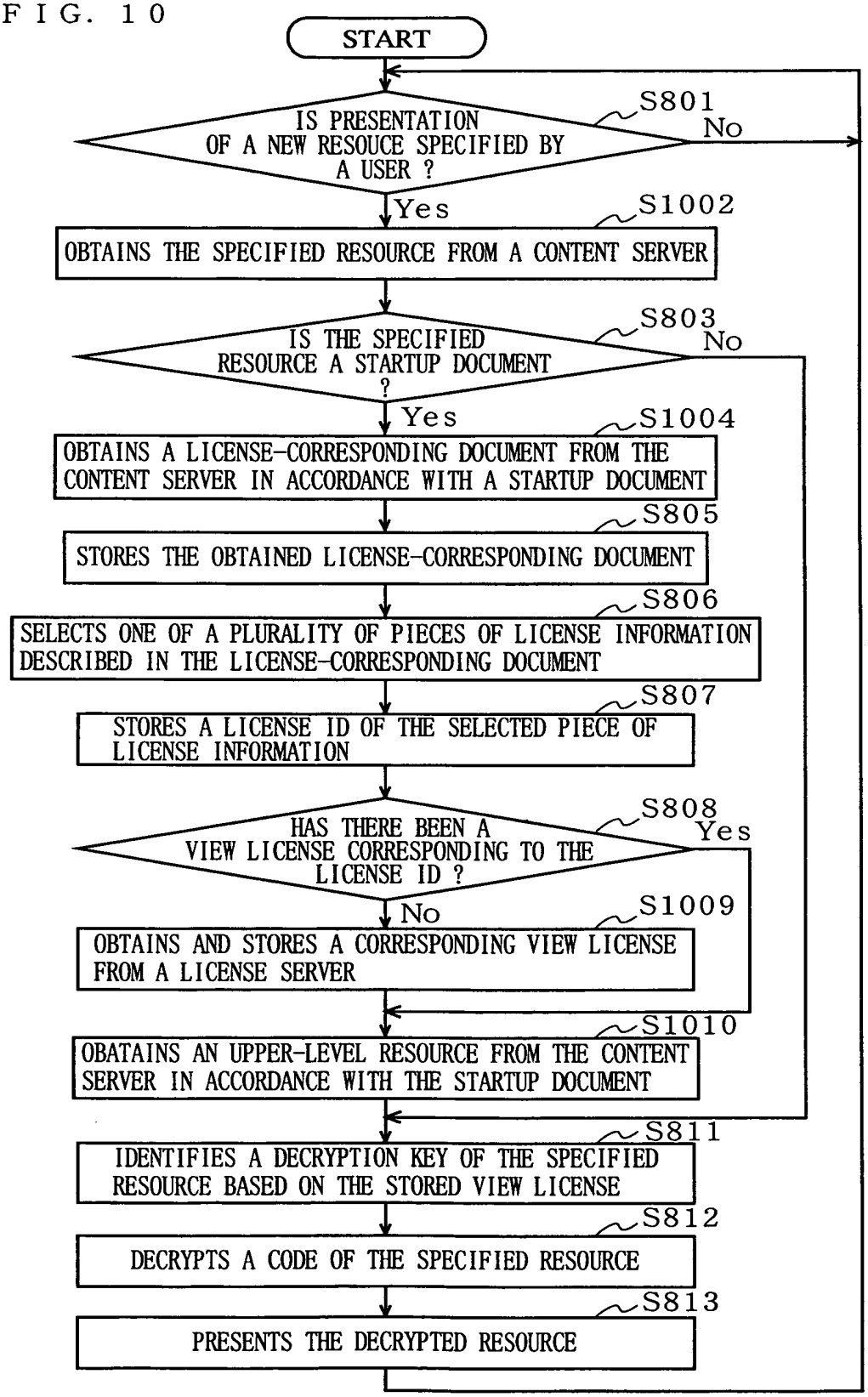

START
S801
IS PRESENTATION OF A NEW RESOUCE SPECIFIED BY A USER ?
No
Yes
S1002
OBTAINS THE SPECIFIED RESOURCE FROM A CONTENT SERVER
S803
IS THE SPECIFIED RESOURCE A STARTUP DOCUMENT ?
No
Yes
S1004
OBTAINS A LICENSE-CORRESPONDING DOCUMENT FROM THE CONTENT SERVER IN ACCORDANCE WITH A STARTUP DOCUMENT
S805
STORES THE OBTAINED LICENSE-CORRESPONDING DOCUMENT
S806
SELECTS ONE OF A PLURALITY OF PIECES OF LICENSE INFORMATION DESCRIBED IN THE LICENSE-CORRESPONDING DOCUMENT
S807
STORES A LICENSE ID OF THE SELECTED PIECE OF LICENSE INFORMATION
S808
HAS THERE BEEN A VIEW LICENSE CORRESPONDING TO THE LICENSE ID ?
Yes
No
S1009
OBTAINS AND STORES A CORRESPONDING VIEW LICENSE FROM A LICENSE SERVER
S1010
OBATAINS AN UPPER-LEVEL RESOURCE FROM THE CONTENT SERVER IN ACCORDANCE WITH THE STARTUP DOCUMENT
S811
IDENTIFIES A DECRYPTION KEY OF THE SPECIFIED RESOURCE BASED ON THE STORED VIEW LICENSE
S812
DECRYPTS A CODE OF THE SPECIFIED RESOURCE
S813
PRESENTS THE DECRYPTED RESOURCE

FIG. 11

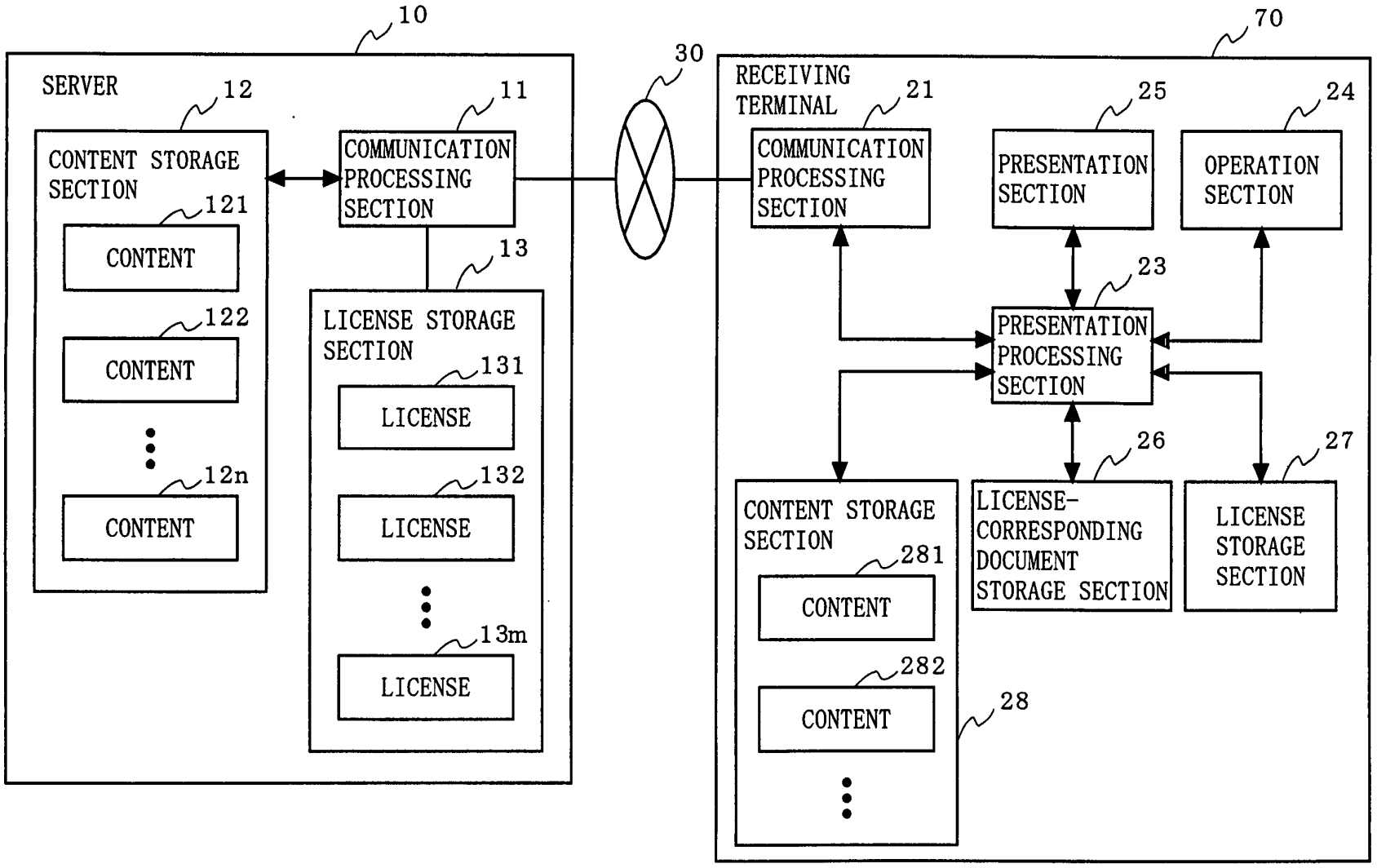
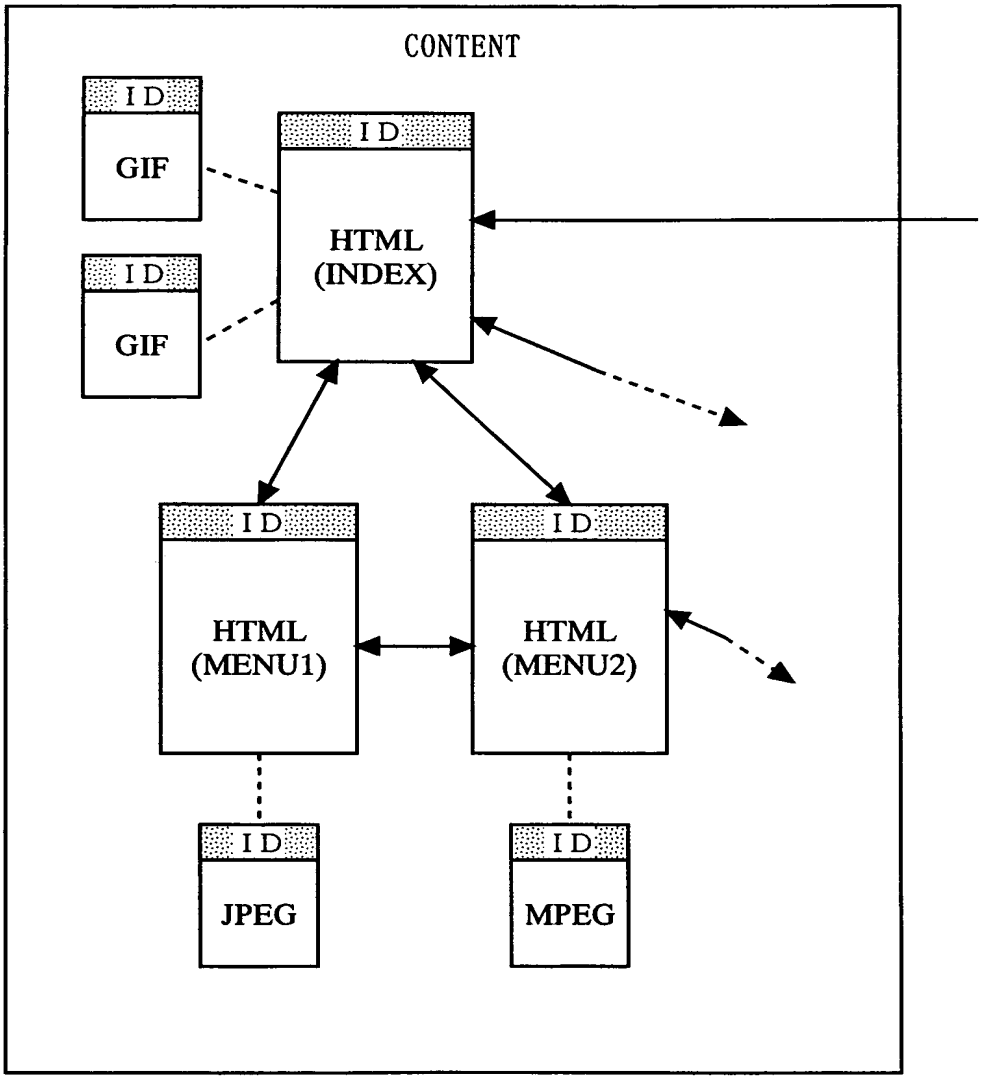

10
SERVER
12
CONTENT STORAGE SECTION
121
CONTENT
122
CONTENT
12n
CONTENT
11
COMMUNICATION PROCESSING SECTION
13
LICENSE STORAGE SECTION
131
LICENSE
132
LICENSE
13m
LICENSE
30
70
RECEIVING TERMINAL
21
COMMUNICATION PROCESSING SECTION
25
PRESENTATION SECTION
24
OPERATION SECTION
23
PRESENTATION PROCESSING SECTION
26
LICENSE-CORRESPONDING DOCUMENT STORAGE SECTION
27
LICENSE STORAGE SECTION
CONTENT STORAGE SECTION
281
CONTENT
282
CONTENT
28

FIG. 12


CONTENT
ID
GIF
ID
GIF
ID
HTML
(INDEX)
ID
HTML
(MENU1)
ID
HTML
(MENU2)
ID
JPEG
ID
MPEG